

Annex F6

## Effluent Quality Monitoring Results

**Table F6.1 Effluent Monitoring Results**

		1 Aug 22	2 Aug 22	3 Aug 22
<b>On-site Measurements</b>				
Temperature	°C	37.0	37.0	36.7
pH Value	pH Unit	8.3	8.4	8.3
Volume Discharged	m <sup>3</sup>	831	918	1,202
<b>Laboratory Analysis</b>				
Suspended Solids (SS)	mg/L	27.0	24.5	26.8
Alkalinity	mg/L	2460	2470	2280
Ammoniacal-nitrogen	mg/L	0.30	0.44	0.32
Chloride	mg/L	2060	2090	2000
Nitrite-nitrogen	mg/L	0.16	0.14	0.16
Phosphate	mg/L	6.47	6.55	7.28
Sulphate	mg/L	193	167	163
Total Nitrogen	mg/L	92.6	94.2	99.5
Nitrate-nitrogen	mg/L	37.8	36.6	48.1
Total Inorganic Nitrogen	mg/L	38.26	37.18	48.58
Biochemical Oxygen Demand (BOD)	mg/L	10	10	8
Chemical Oxygen Demand (COD)	mg/L	921	1030	1000
Oil & Grease	mg/L	<5	<5	<5
Total Organic Carbon (TOC)	mg/L	426	410	340
Boron	µg/L	5900	5880	5500
Calcium	mg/L	25.7	25.7	24.9
Iron	mg/L	1.92	1.95	1.80
Magnesium	mg/L	27.8	28.1	26.6
Potassium	mg/L	968	983	919
Cadmium	µg/L	<1.0	<1.0	<1.0
Chromium	µg/L	134	129	115
Copper	µg/L	<10	<10	<10
Nickel	µg/L	124	118	106
Zinc	µg/L	71	67	59